Jonathan D Power

List of Publications by Year in descending order

50 papers	27,746 citations	108046 37 h-index	214428 50 g-index
54 all docs	54 docs citations	54 times ranked	22590 citing authors

#	Article	IF	Citations
1	On measuring head motion and effects of head molds during fMRI. NeuroImage, 2021, 225, 117494.	2.1	9
2	An effort-based social feedback paradigm reveals aversion to popularity in socially anxious participants and increased motivation in adolescents. PLoS ONE, 2021, 16, e0249326.	1.1	4
3	Remote Liaison to Families: a Psychiatric Response to Medical Care Gaps Created by Pandemic Surge Conditions in New York City. Academic Psychiatry, 2021, 45, 619-622.	0.4	1
4	Characteristics of respiratory measures in young adults scanned at rest, including systematic changes and â€œmissedâ€•deep breaths. NeuroImage, 2020, 204, 116234.	2.1	49
5	Prevalent and sex-biased breathing patterns modify functional connectivity MRI in young adults. Nature Communications, 2020, 11, 5290.	5.8	25
6	Rapid Precision Functional Mapping of Individuals Using Multi-Echo fMRI. Cell Reports, 2020, 33, 108540.	2.9	96
7	A Critical, Event-Related Appraisal of Denoising in Resting-State fMRI Studies. Cerebral Cortex, 2020, 30, 5544-5559.	1.6	26
8	Resting-State fMRI: Preclinical Foundations. , 2020, , 47-63.		3
9	Distinctions among real and apparent respiratory motions in human fMRI data. NeuroImage, 2019, 201, 116041.	2.1	101
10	Temporal ICA has not properly separated global fMRI signals: A comment on Glasser etÂal. (2018). NeuroImage, 2019, 197, 650-651.	2.1	37
11	Reply to Spreng et al.: Multiecho fMRI denoising does not remove global motion-associated respiratory signals. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19243-19244.	3.3	11
12	Customized head molds reduce motion during resting state fMRI scans. NeuroImage, 2019, 189, 141-149.	2.1	77
13	Rewardâ€related regions form a preferentially coupled system at rest. Human Brain Mapping, 2019, 40, 361-376.	1.9	23
14	Ridding fMRI data of motion-related influences: Removal of signals with distinct spatial and physical bases in multiecho data. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2105-E2114.	3.3	250
15	Brain Network Theory Can Predict Whether Neuropsychological Outcomes Will Differ from Clinical Expectations. Archives of Clinical Neuropsychology, 2017, 32, 40-52.	0.3	11
16	Neural plasticity across the lifespan. Wiley Interdisciplinary Reviews: Developmental Biology, 2017, 6, e216.	5.9	58
17	Benchmarking of participant-level confound regression strategies for the control of motion artifact in studies of functional connectivity. NeuroImage, 2017, 154, 174-187.	2.1	842
18	Neural correlates of preferred activities: development of an interest-specific go/nogo task. Social Cognitive and Affective Neuroscience, 2017, 12, 1890-1901.	1.5	3

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19	On Global fMRI Signals and Simulations. Trends in Cognitive Sciences, 2017, 21, 911-913.	4.0	66
20	Sources and implications of whole-brain fMRI signals in humans. NeuroImage, 2017, 146, 609-625.	2.1	446
21	A simple but useful way to assess fMRI scan qualities. NeuroImage, 2017, 154, 150-158.	2.1	110
22	Temporal interpolation alters motion in fMRI scans: Magnitudes and consequences for artifact detection. PLoS ONE, 2017, 12, e0182939.	1.1	67
23	Evaluation of Denoising Strategies to Address Motion-Correlated Artifacts in Resting-State Functional Magnetic Resonance Imaging Data from the Human Connectome Project. Brain Connectivity, 2016, 6, 669-680.	0.8	226
24	Accurate age classification of 6 and 12 month-old infants based on resting-state functional connectivity magnetic resonance imaging data. Developmental Cognitive Neuroscience, 2015, 12, 123-133.	1.9	51
25	Recent progress and outstanding issues in motion correction in resting state fMRI. NeuroImage, 2015, 105, 536-551.	2.1	870
26	Statistical improvements in functional magnetic resonance imaging analyses produced by censoring highâ€motion data points. Human Brain Mapping, 2014, 35, 1981-1996.	1.9	457
27	Methods to detect, characterize, and remove motion artifact in resting state fMRI. NeuroImage, 2014, 84, 320-341.	2.1	2,881
28	Developmental Changes in the Organization of Functional Connections between the Basal Ganglia and Cerebral Cortex. Journal of Neuroscience, 2014, 34, 5842-5854.	1.7	81
29	Parcellating an Individual Subject's Cortical and Subcortical Brain Structures Using Snowball Sampling of Resting-State Correlations. Cerebral Cortex, 2014, 24, 2036-2054.	1.6	115
30	Studying Brain Organization via Spontaneous fMRI Signal. Neuron, 2014, 84, 681-696.	3.8	239
31	Intrinsic and Task-Evoked Network Architectures of the Human Brain. Neuron, 2014, 83, 238-251.	3.8	1,369
32	Network measures predict neuropsychological outcome after brain injury. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14247-14252.	3.3	240
33	Control-related systems in the human brain. Current Opinion in Neurobiology, 2013, 23, 223-228.	2.0	292
34	Multi-task connectivity reveals flexible hubs for adaptive task control. Nature Neuroscience, 2013, 16, 1348-1355.	7.1	1,377
35	Evidence for Hubs in Human Functional Brain Networks. Neuron, 2013, 79, 798-813.	3.8	699
36	Functional network architecture of reading-related regions across development. Brain and Language, 2013, 125, 231-243.	0.8	68

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37	Steps toward optimizing motion artifact removal in functional connectivity MRI; a reply to Carp. NeuroImage, 2013, 76, 439-441.	2.1	310
38	Resting-state fMRI in the Human Connectome Project. NeuroImage, 2013, 80, 144-168.	2.1	1,367
39	Resting State Functional Connectivity of the Ventral Attention Network in Children With a History of Depression or Anxiety. Journal of the American Academy of Child and Adolescent Psychiatry, 2013, 52, 1326-1336.e5.	0.3	60
40	Parcellation in Left Lateral Parietal Cortex Is Similar in Adults and Children. Cerebral Cortex, 2012, 22, 1148-1158.	1.6	34
41	Spurious but systematic correlations in functional connectivity MRI networks arise from subject motion. NeuroImage, 2012, 59, 2142-2154.	2.1	6,516
42	Functional Network Organization of the Human Brain. Neuron, 2011, 72, 665-678.	3.8	3,485
43	Modulation of the brainâ€™s functional network architecture in the transition from wake to sleep. Progress in Brain Research, 2011, 193, 277-294.	0.9	114
44	Development of the Brainâ€™s Functional Network Architecture. Neuropsychology Review, 2010, 20, 362-375.	2.5	109
45	Identifying basal ganglia divisions in individuals using resting-state functional connectivity MRI. Frontiers in Systems Neuroscience, 2010, 4, 18.	1.2	108
46	Prediction of Individual Brain Maturity Using fMRI. Science, 2010, 329, 1358-1361.	6.0	1,884
47	A Parcellation Scheme for Human Left Lateral Parietal Cortex. Neuron, 2010, 67, 156-170.	3.8	327
48	The Development of Human Functional Brain Networks. Neuron, 2010, 67, 735-748.	3.8	668
49	Functional Brain Networks Develop from a â€œLocal to Distributedâ€•Organization. PLoS Computational Biology, 2009, 5, e1000381.	1.5	1,274
50	Effects of Adsorption to Aluminum Salt Adjuvants on the Structure and Stability of Model Protein Antigens. Journal of Biological Chemistry, 2005, 280, 13406-13414.	1.6	172